



## SUBSTITUTE ABSTRACT

A dishwasher is provided that includes a valve assembly to simply control amounts of water supplied to top and bottom nozzles. The dishwasher includes a washing chamber, top and bottom nozzles that inject water into the washing chamber, a sump provided under the washing chamber that stores water, and a pump that pumps water stored in the sump. Water pumped by the pump flows in through a supply pipe adjacent to the pump and into upper and lower pipes that lead to the top and bottom nozzles. A valve may be provided at a connecting portion between the supply pipe and the upper and lower pipes to selectively open and close the supply pipe and the upper and lower pipes. The valve may be rotated by a driving means that turns the valve by checking a position of the valve.